

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: HALO

Report Number: P1590583

Luminaire Tested: HCDLS1525CSD6TRMW-ME-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2603928B003)
Test Lab: INNOVATION CENTER
Issue Date: 9/4/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: HCDLS1525CSD6TRMW-ME-3000K
Description: 6" Selectable Round Trim+Matte White (paintable) 2000 Lumens 3000K

Light Source:
Ballast/Driver: -

Summary

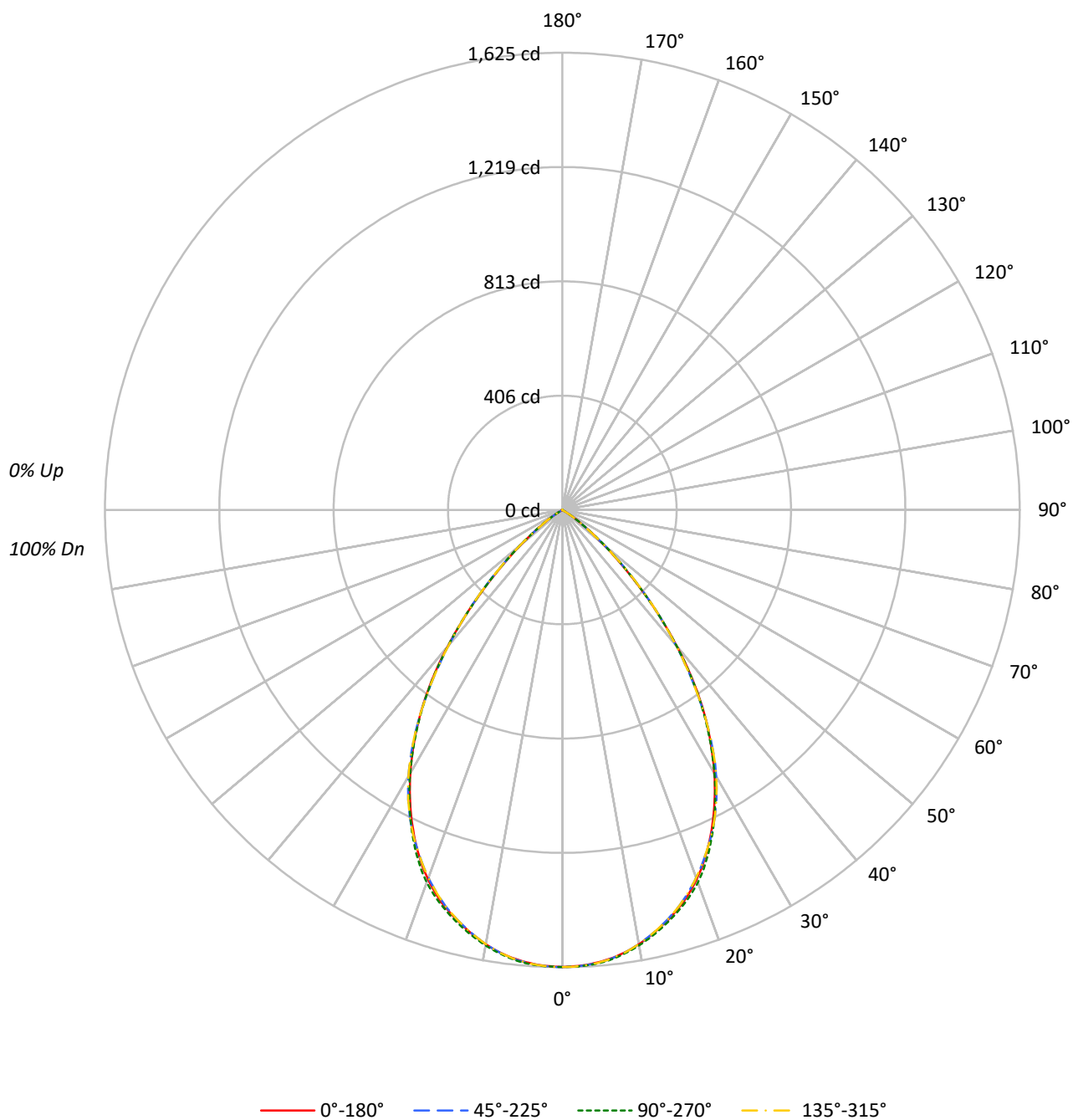
Lumens per Lamp: N/A
Luminaire Lumens: 2064.6 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 20.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10			50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	113	110	107	105	110	108	105	103		104	102	100			100	98	97			96
2	107	101	97	93	104	99	95	92		96	93	90			93	90	88			90
3	100	93	88	83	98	92	87	83		89	85	81			87	83	80			84
4	94	86	80	75	92	85	79	75		83	78	74			80	76	73			79
5	89	79	73	68	87	78	72	68		77	71	67			75	70	67			73
6	84	74	67	62	82	73	67	62		71	66	61			70	65	61			68
7	79	68	62	57	77	68	61	57		66	61	56			65	60	56			64
8	74	64	57	52	73	63	57	52		62	56	52			61	56	52			60
9	70	59	53	48	69	59	53	48		58	52	48			57	52	48			56
10	66	56	49	45	65	55	49	45		54	49	45			54	48	45			53

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	89044	89044	89044	89044
5°	88609	88829	88609	88829
10°	87234	87457	87234	87457
15°	84859	85250	84859	85250
20°	81458	82175	81458	82175
25°	75863	76444	75863	76444
30°	68340	68473	68340	68473
35°	58611	58303	58611	58303
40°	45414	45392	45414	45392
45°	30104	30189	30104	30189
50°	16315	16707	16315	16707
55°	6671	6614	6671	6614
60°	746	625	746	625
65°	104	78	104	78
70°	48	32	48	32
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 30577 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.5	7.4
10°-20°	420.2	20.4
20°-30°	576.0	27.9
30°-40°	540.3	26.2
40°-50°	304.0	14.7
50°-60°	69.2	3.4
60°-70°	1.2	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.2	0.0
140°-150°	0.3	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	1148.7	55.6
0°-40°	1689.0	81.8
0°-60°	2062.1	99.9
0°-90°	2063.4	99.9
90°-120°	0.0	0.0
90°-150°	0.6	0.0
90°-180°	1.0	0.0
0°-180°	2064.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1624	1624	1624	1624	1624	
5°	1610	1614	1610	1614	1610	152
15°	1495	1502	1495	1502	1495	420
25°	1254	1264	1254	1264	1254	574
35°	876	871	876	871	876	540
45°	388	389	388	389	388	302
55°	70	69	70	69	70	70
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3
0.5°	1623.6	1623.9	1624.6	1624.5	1624.0	1624.5	1624.6	1623.9	1623.6	1623.9	1624.6
1°	1623.2	1623.4	1624.2	1624.2	1623.7	1624.2	1624.2	1623.4	1623.2	1623.4	1624.2
1.5°	1622.3	1622.7	1623.6	1623.7	1623.3	1623.7	1623.6	1622.7	1622.3	1622.7	1623.6
2°	1621.4	1621.8	1622.8	1623.0	1622.9	1623.0	1622.8	1621.8	1621.4	1621.8	1622.8
2.5°	1620.1	1620.6	1621.6	1622.1	1622.0	1622.1	1621.6	1620.6	1620.1	1620.6	1621.6
3°	1618.7	1619.2	1620.2	1620.7	1621.2	1620.7	1620.2	1619.2	1618.7	1619.2	1620.2
3.5°	1616.9	1617.4	1618.4	1619.3	1619.8	1619.3	1618.4	1617.4	1616.9	1617.4	1618.4
4°	1614.9	1615.5	1616.5	1617.4	1618.3	1617.4	1616.5	1615.5	1614.9	1615.5	1616.5
4.5°	1612.8	1613.2	1614.3	1615.2	1616.4	1615.2	1614.3	1613.2	1612.8	1613.2	1614.3
5°	1610.2	1610.7	1611.7	1612.8	1614.2	1612.8	1611.7	1610.7	1610.2	1610.7	1611.7
5.5°	1607.4	1607.8	1608.7	1609.7	1611.4	1609.7	1608.7	1607.8	1607.4	1607.8	1608.7
6°	1604.2	1604.9	1605.4	1606.3	1608.2	1606.3	1605.4	1604.9	1604.2	1604.9	1605.4
6.5°	1600.6	1601.6	1601.7	1602.6	1604.6	1602.6	1601.7	1601.6	1600.6	1601.6	1601.7
7°	1597.0	1597.8	1597.6	1598.4	1600.7	1598.4	1597.6	1597.8	1597.0	1597.8	1597.6
7.5°	1592.9	1593.9	1593.4	1594.0	1596.3	1594.0	1593.4	1593.9	1592.9	1593.9	1593.4
8°	1588.4	1589.4	1588.8	1589.3	1591.9	1589.3	1588.8	1589.4	1588.4	1589.4	1588.8
8.5°	1583.5	1584.8	1583.9	1584.4	1587.0	1584.4	1583.9	1584.8	1583.5	1584.8	1583.9
9°	1578.4	1579.6	1578.5	1579.2	1581.9	1579.2	1578.5	1579.6	1578.4	1579.6	1578.5
9.5°	1572.7	1574.2	1572.9	1573.9	1576.8	1573.9	1572.9	1574.2	1572.7	1574.2	1572.9
10°	1567.1	1568.3	1566.7	1568.2	1571.1	1568.2	1566.7	1568.3	1567.1	1568.3	1566.7
10.5°	1560.9	1561.9	1560.3	1562.5	1565.3	1562.5	1560.3	1561.9	1560.9	1561.9	1560.3
11°	1554.4	1555.3	1553.7	1556.4	1559.2	1556.4	1553.7	1555.3	1554.4	1555.3	1553.7
11.5°	1547.7	1548.4	1546.8	1550.2	1552.8	1550.2	1546.8	1548.4	1547.7	1548.4	1546.8
12°	1540.9	1541.2	1539.7	1543.7	1546.2	1543.7	1539.7	1541.2	1540.9	1541.2	1539.7
12.5°	1533.6	1533.6	1532.3	1537.0	1539.3	1537.0	1532.3	1533.6	1533.6	1533.6	1532.3
13°	1526.3	1526.0	1524.7	1530.1	1532.5	1530.1	1524.7	1526.0	1526.3	1526.0	1524.7
13.5°	1518.8	1517.9	1517.0	1523.1	1525.3	1523.1	1517.0	1517.9	1518.8	1517.9	1517.0
14°	1511.2	1510.0	1509.1	1515.5	1517.6	1515.5	1509.1	1510.0	1511.2	1510.0	1509.1
14.5°	1503.5	1501.4	1500.9	1507.7	1510.0	1507.7	1500.9	1501.4	1503.5	1501.4	1500.9
15°	1495.2	1492.9	1492.5	1499.6	1502.1	1499.6	1492.5	1492.9	1495.2	1492.9	1492.5
15.5°	1486.8	1484.1	1483.9	1491.5	1494.1	1491.5	1483.9	1484.1	1486.8	1484.1	1483.9
16°	1478.3	1475.2	1475.1	1482.5	1485.7	1482.5	1475.1	1475.2	1478.3	1475.2	1475.1
16.5°	1469.6	1465.6	1465.8	1473.3	1477.4	1473.3	1465.8	1465.6	1469.6	1465.6	1465.8
17°	1460.8	1456.0	1455.9	1463.8	1468.6	1463.8	1455.9	1456.0	1460.8	1456.0	1455.9
17.5°	1451.0	1446.4	1446.0	1453.8	1459.7	1453.8	1446.0	1446.4	1451.0	1446.4	1446.0
18°	1440.9	1436.3	1435.7	1443.5	1450.3	1443.5	1435.7	1436.3	1440.9	1436.3	1435.7
18.5°	1430.3	1425.7	1425.0	1433.2	1440.4	1433.2	1425.0	1425.7	1430.3	1425.7	1425.0
19°	1419.5	1415.0	1413.8	1422.7	1430.3	1422.7	1413.8	1415.0	1419.5	1415.0	1413.8
19.5°	1408.0	1403.7	1402.4	1411.8	1419.9	1411.8	1402.4	1403.7	1408.0	1403.7	1402.4
20°	1396.3	1392.2	1390.8	1400.3	1408.6	1400.3	1390.8	1392.2	1396.3	1392.2	1390.8
20.5°	1384.0	1380.3	1378.9	1388.4	1396.2	1388.4	1378.9	1380.3	1384.0	1380.3	1378.9
21°	1371.5	1367.9	1366.5	1375.8	1383.6	1375.8	1366.5	1367.9	1371.5	1367.9	1366.5
21.5°	1358.5	1355.1	1353.7	1363.0	1370.2	1363.0	1353.7	1355.1	1358.5	1355.1	1353.7
22°	1344.7	1342.0	1340.8	1349.5	1356.3	1349.5	1340.8	1342.0	1344.7	1342.0	1340.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1330.5	1328.3	1327.9	1336.1	1341.6	1336.1	1327.9	1328.3	1330.5	1328.3	1327.9
23°	1315.9	1314.7	1314.7	1322.1	1327.0	1322.1	1314.7	1314.7	1315.9	1314.7	1314.7
23.5°	1301.1	1300.5	1301.3	1307.8	1311.8	1307.8	1301.3	1300.5	1301.1	1300.5	1301.3
24°	1285.6	1286.3	1287.9	1293.4	1296.1	1293.4	1287.9	1286.3	1285.6	1286.3	1287.9
24.5°	1270.1	1271.8	1274.0	1278.5	1280.0	1278.5	1274.0	1271.8	1270.1	1271.8	1274.0
25°	1254.2	1256.9	1259.7	1263.3	1263.8	1263.3	1259.7	1256.9	1254.2	1256.9	1259.7
25.5°	1238.1	1241.9	1245.2	1247.7	1246.8	1247.7	1245.2	1241.9	1238.1	1241.9	1245.2
26°	1221.8	1226.5	1230.3	1231.8	1229.7	1231.8	1230.3	1226.5	1221.8	1226.5	1230.3
26.5°	1205.1	1210.8	1214.8	1215.6	1212.1	1215.6	1214.8	1210.8	1205.1	1210.8	1214.8
27°	1188.2	1194.7	1199.1	1199.0	1194.4	1199.0	1199.1	1194.7	1188.2	1194.7	1199.1
27.5°	1171.1	1178.0	1182.8	1182.1	1176.5	1182.1	1182.8	1178.0	1171.1	1178.0	1182.8
28°	1153.8	1161.0	1165.9	1164.5	1157.8	1164.5	1165.9	1161.0	1153.8	1161.0	1165.9
28.5°	1135.5	1143.5	1148.6	1146.7	1139.4	1146.7	1148.6	1143.5	1135.5	1143.5	1148.6
29°	1117.4	1125.7	1130.8	1128.3	1120.7	1128.3	1130.8	1125.7	1117.4	1125.7	1130.8
29.5°	1098.6	1107.3	1112.5	1109.5	1101.7	1109.5	1112.5	1107.3	1098.6	1107.3	1112.5
30°	1079.6	1088.3	1093.4	1090.1	1081.7	1090.1	1093.4	1088.3	1079.6	1088.3	1093.4
30.5°	1060.6	1069.2	1073.8	1070.1	1061.9	1070.1	1073.8	1069.2	1060.6	1069.2	1073.8
31°	1041.0	1049.5	1053.7	1049.6	1041.3	1049.6	1053.7	1049.5	1041.0	1049.5	1053.7
31.5°	1021.3	1029.4	1033.0	1029.0	1020.7	1029.0	1033.0	1029.4	1021.3	1029.4	1033.0
32°	1001.1	1008.5	1011.4	1007.9	1000.0	1007.9	1011.4	1008.5	1001.1	1008.5	1011.4
32.5°	981.1	987.9	989.8	986.5	978.9	986.5	989.8	987.9	981.1	987.9	989.8
33°	960.4	966.0	967.5	964.7	957.7	964.7	967.5	966.0	960.4	966.0	967.5
33.5°	940.4	944.4	945.1	942.4	936.1	942.4	945.1	944.4	940.4	944.4	945.1
34°	918.8	922.0	921.7	920.1	914.8	920.1	921.7	922.0	918.8	922.0	921.7
34.5°	897.6	899.8	898.5	897.0	893.1	897.0	898.5	899.8	897.6	899.8	898.5
35°	875.8	876.3	874.4	874.0	871.2	874.0	874.4	876.3	875.8	876.3	874.4
35.5°	853.7	853.0	850.3	850.5	849.3	850.5	850.3	853.0	853.7	853.0	850.3
36°	830.5	829.4	825.6	827.0	826.9	827.0	825.6	829.4	830.5	829.4	825.6
36.5°	807.6	805.6	801.3	803.2	804.5	803.2	801.3	805.6	807.6	805.6	801.3
37°	784.1	781.2	776.0	779.6	781.2	779.6	776.0	781.2	784.1	781.2	776.0
37.5°	760.0	756.9	751.1	755.5	757.2	755.5	751.1	756.9	760.0	756.9	751.1
38°	735.5	732.2	726.5	731.2	731.9	731.2	726.5	732.2	735.5	732.2	726.5
38.5°	711.1	707.7	701.8	706.5	707.3	706.5	701.8	707.7	711.1	707.7	701.8
39°	686.1	681.7	677.3	681.9	682.9	681.9	677.3	681.7	686.1	681.7	677.3
39.5°	660.2	656.8	653.0	657.2	658.5	657.2	653.0	656.8	660.2	656.8	653.0
40°	634.6	632.3	628.7	632.3	634.3	632.3	628.7	632.3	634.6	632.3	628.7
40.5°	609.2	607.9	604.6	607.5	609.9	607.5	604.6	607.9	609.2	607.9	604.6
41°	583.5	583.4	580.1	582.5	584.6	582.5	580.1	583.4	583.5	583.4	580.1
41.5°	558.1	558.8	555.6	557.9	559.6	557.9	555.6	558.8	558.1	558.8	555.6
42°	532.8	533.9	531.7	533.5	534.5	533.5	531.7	533.9	532.8	533.9	531.7
42.5°	507.9	509.3	508.1	509.9	509.6	509.9	508.1	509.3	507.9	509.3	508.1
43°	483.3	484.5	484.8	486.2	484.6	486.2	484.8	484.5	483.3	484.5	484.8
43.5°	459.1	460.5	461.6	462.6	459.8	462.6	461.6	460.5	459.1	460.5	461.6
44°	435.2	436.2	438.5	439.5	435.8	439.5	438.5	436.2	435.2	436.2	438.5
44.5°	411.5	413.1	416.1	417.3	412.4	417.3	416.1	413.1	411.5	413.1	416.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	388.3	390.2	394.2	394.4	389.4	394.4	394.2	390.2	388.3	390.2	394.2
45.5°	365.4	368.0	372.3	372.0	367.1	372.0	372.3	368.0	365.4	368.0	372.3
46°	342.9	346.1	350.5	350.3	345.1	350.3	350.5	346.1	342.9	346.1	350.5
46.5°	321.3	324.9	329.1	329.1	324.0	329.1	329.1	324.9	321.3	324.9	329.1
47°	300.2	304.2	308.2	308.3	303.6	308.3	308.2	304.2	300.2	304.2	308.2
47.5°	279.9	283.8	287.6	288.1	283.8	288.1	287.6	283.8	279.9	283.8	287.6
48°	260.1	264.1	267.5	268.2	264.6	268.2	267.5	264.1	260.1	264.1	267.5
48.5°	241.5	245.1	247.9	249.3	246.2	249.3	247.9	245.1	241.5	245.1	247.9
49°	223.8	226.8	229.0	230.8	228.4	230.8	229.0	226.8	223.8	226.8	229.0
49.5°	207.3	209.6	211.4	213.3	211.7	213.3	211.4	209.6	207.3	209.6	211.4
50°	191.3	193.1	194.5	196.7	195.9	196.7	194.5	193.1	191.3	193.1	194.5
50.5°	175.5	176.7	177.9	180.4	180.5	180.4	177.9	176.7	175.5	176.7	177.9
51°	160.3	160.9	161.6	164.5	165.3	164.5	161.6	160.9	160.3	160.9	161.6
51.5°	146.9	146.1	146.0	149.6	150.7	149.6	146.0	146.1	146.9	146.1	146.0
52°	133.6	132.5	131.5	135.2	136.4	135.2	131.5	132.5	133.6	132.5	131.5
52.5°	121.5	119.8	118.3	122.1	123.3	122.1	118.3	119.8	121.5	119.8	118.3
53°	109.9	107.9	106.1	110.1	111.2	110.1	106.1	107.9	109.9	107.9	106.1
53.5°	99.0	96.9	95.0	98.7	99.4	98.7	95.0	96.9	99.0	96.9	95.0
54°	88.6	86.7	84.9	88.0	88.7	88.0	84.9	86.7	88.6	86.7	84.9
54.5°	79.0	77.1	75.5	78.1	78.6	78.1	75.5	77.1	79.0	77.1	75.5
55°	69.8	68.3	66.9	68.9	69.2	68.9	66.9	68.3	69.8	68.3	66.9
55.5°	61.3	60.1	59.1	60.2	60.3	60.2	59.1	60.1	61.3	60.1	59.1
56°	53.8	52.8	51.7	52.6	52.6	52.6	51.7	52.8	53.8	52.8	51.7
56.5°	46.5	46.1	44.9	45.4	45.4	45.4	44.9	46.1	46.5	46.1	44.9
57°	39.8	39.5	38.2	38.4	38.7	38.4	38.2	39.5	39.8	39.5	38.2
57.5°	33.2	33.0	31.7	31.7	32.0	31.7	31.7	33.0	33.2	33.0	31.7
58°	26.5	26.6	25.6	25.4	25.3	25.4	25.6	26.6	26.5	26.6	25.6
58.5°	20.5	20.7	19.3	19.4	19.3	19.4	19.3	20.7	20.5	20.7	19.3
59°	14.5	14.9	13.3	13.4	13.4	13.4	13.3	14.9	14.5	14.9	13.3
59.5°	10.1	10.1	8.4	8.4	8.9	8.4	8.4	10.1	10.1	10.1	8.4
60°	6.8	6.7	5.6	5.1	5.7	5.1	5.6	6.7	6.8	6.7	5.6
60.5°	4.3	4.7	3.8	3.4	4.6	3.4	3.8	4.7	4.3	4.7	3.8
61°	3.6	3.9	2.9	2.8	3.7	2.8	2.9	3.9	3.6	3.9	2.9
61.5°	2.9	3.1	2.2	2.2	2.8	2.2	2.2	3.1	2.9	3.1	2.2
62°	2.2	2.3	1.7	1.6	2.0	1.6	1.7	2.3	2.2	2.3	1.7
62.5°	1.6	1.8	1.3	1.2	1.2	1.2	1.3	1.8	1.6	1.8	1.3
63°	1.4	1.3	1.2	1.0	1.0	1.0	1.2	1.3	1.4	1.3	1.2
63.5°	1.2	1.1	1.0	0.9	0.9	0.9	1.0	1.1	1.2	1.1	1.0
64°	1.1	1.0	0.9	0.8	0.8	0.8	0.9	1.0	1.1	1.0	0.9
64.5°	0.9	0.9	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8
65°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7
65.5°	0.7	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
66°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
66.5°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5
67°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
68°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
68.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
69°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
69.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
70°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
70.5°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
71°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
71.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
72°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
73.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
74°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
74.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
133.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
134.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
135.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
136.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
138°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
138.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
139°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
139.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
141°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
141.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
143°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
143.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
144°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
144.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
145.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
146.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147°	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
147.5°	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
148°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
148.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
149°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
149.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
151°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
151.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
152.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
153°	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7
153.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
154°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
154.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
156°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
156.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
157°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
158°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
158.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
159°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
159.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
160.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
161°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
169.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
170.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8
171.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
172°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
173°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
173.5°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
174.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
175°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.7
175.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
176°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
176.5°	0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.8
177°	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8
178°	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
179.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	1624.3	1624.3	1624.3	1624.3	1624.3	1624.3
0.5°	1624.5	1624.0	1624.5	1624.6	1623.9	1623.6
1°	1624.2	1623.7	1624.2	1624.2	1623.4	1623.2
1.5°	1623.7	1623.3	1623.7	1623.6	1622.7	1622.3
2°	1623.0	1622.9	1623.0	1622.8	1621.8	1621.4
2.5°	1622.1	1622.0	1622.1	1621.6	1620.6	1620.1
3°	1620.7	1621.2	1620.7	1620.2	1619.2	1618.7
3.5°	1619.3	1619.8	1619.3	1618.4	1617.4	1616.9
4°	1617.4	1618.3	1617.4	1616.5	1615.5	1614.9
4.5°	1615.2	1616.4	1615.2	1614.3	1613.2	1612.8
5°	1612.8	1614.2	1612.8	1611.7	1610.7	1610.2
5.5°	1609.7	1611.4	1609.7	1608.7	1607.8	1607.4
6°	1606.3	1608.2	1606.3	1605.4	1604.9	1604.2
6.5°	1602.6	1604.6	1602.6	1601.7	1601.6	1600.6
7°	1598.4	1600.7	1598.4	1597.6	1597.8	1597.0
7.5°	1594.0	1596.3	1594.0	1593.4	1593.9	1592.9
8°	1589.3	1591.9	1589.3	1588.8	1589.4	1588.4
8.5°	1584.4	1587.0	1584.4	1583.9	1584.8	1583.5
9°	1579.2	1581.9	1579.2	1578.5	1579.6	1578.4
9.5°	1573.9	1576.8	1573.9	1572.9	1574.2	1572.7
10°	1568.2	1571.1	1568.2	1566.7	1568.3	1567.1
10.5°	1562.5	1565.3	1562.5	1560.3	1561.9	1560.9
11°	1556.4	1559.2	1556.4	1553.7	1555.3	1554.4
11.5°	1550.2	1552.8	1550.2	1546.8	1548.4	1547.7
12°	1543.7	1546.2	1543.7	1539.7	1541.2	1540.9
12.5°	1537.0	1539.3	1537.0	1532.3	1533.6	1533.6
13°	1530.1	1532.5	1530.1	1524.7	1526.0	1526.3
13.5°	1523.1	1525.3	1523.1	1517.0	1517.9	1518.8
14°	1515.5	1517.6	1515.5	1509.1	1510.0	1511.2
14.5°	1507.7	1510.0	1507.7	1500.9	1501.4	1503.5
15°	1499.6	1502.1	1499.6	1492.5	1492.9	1495.2
15.5°	1491.5	1494.1	1491.5	1483.9	1484.1	1486.8
16°	1482.5	1485.7	1482.5	1475.1	1475.2	1478.3
16.5°	1473.3	1477.4	1473.3	1465.8	1465.6	1469.6
17°	1463.8	1468.6	1463.8	1455.9	1456.0	1460.8
17.5°	1453.8	1459.7	1453.8	1446.0	1446.4	1451.0
18°	1443.5	1450.3	1443.5	1435.7	1436.3	1440.9
18.5°	1433.2	1440.4	1433.2	1425.0	1425.7	1430.3
19°	1422.7	1430.3	1422.7	1413.8	1415.0	1419.5
19.5°	1411.8	1419.9	1411.8	1402.4	1403.7	1408.0
20°	1400.3	1408.6	1400.3	1390.8	1392.2	1396.3
20.5°	1388.4	1396.2	1388.4	1378.9	1380.3	1384.0
21°	1375.8	1383.6	1375.8	1366.5	1367.9	1371.5
21.5°	1363.0	1370.2	1363.0	1353.7	1355.1	1358.5
22°	1349.5	1356.3	1349.5	1340.8	1342.0	1344.7

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1336.1	1341.6	1336.1	1327.9	1328.3	1330.5
23°	1322.1	1327.0	1322.1	1314.7	1314.7	1315.9
23.5°	1307.8	1311.8	1307.8	1301.3	1300.5	1301.1
24°	1293.4	1296.1	1293.4	1287.9	1286.3	1285.6
24.5°	1278.5	1280.0	1278.5	1274.0	1271.8	1270.1
25°	1263.3	1263.8	1263.3	1259.7	1256.9	1254.2
25.5°	1247.7	1246.8	1247.7	1245.2	1241.9	1238.1
26°	1231.8	1229.7	1231.8	1230.3	1226.5	1221.8
26.5°	1215.6	1212.1	1215.6	1214.8	1210.8	1205.1
27°	1199.0	1194.4	1199.0	1199.1	1194.7	1188.2
27.5°	1182.1	1176.5	1182.1	1182.8	1178.0	1171.1
28°	1164.5	1157.8	1164.5	1165.9	1161.0	1153.8
28.5°	1146.7	1139.4	1146.7	1148.6	1143.5	1135.5
29°	1128.3	1120.7	1128.3	1130.8	1125.7	1117.4
29.5°	1109.5	1101.7	1109.5	1112.5	1107.3	1098.6
30°	1090.1	1081.7	1090.1	1093.4	1088.3	1079.6
30.5°	1070.1	1061.9	1070.1	1073.8	1069.2	1060.6
31°	1049.6	1041.3	1049.6	1053.7	1049.5	1041.0
31.5°	1029.0	1020.7	1029.0	1033.0	1029.4	1021.3
32°	1007.9	1000.0	1007.9	1011.4	1008.5	1001.1
32.5°	986.5	978.9	986.5	989.8	987.9	981.1
33°	964.7	957.7	964.7	967.5	966.0	960.4
33.5°	942.4	936.1	942.4	945.1	944.4	940.4
34°	920.1	914.8	920.1	921.7	922.0	918.8
34.5°	897.0	893.1	897.0	898.5	899.8	897.6
35°	874.0	871.2	874.0	874.4	876.3	875.8
35.5°	850.5	849.3	850.5	850.3	853.0	853.7
36°	827.0	826.9	827.0	825.6	829.4	830.5
36.5°	803.2	804.5	803.2	801.3	805.6	807.6
37°	779.6	781.2	779.6	776.0	781.2	784.1
37.5°	755.5	757.2	755.5	751.1	756.9	760.0
38°	731.2	731.9	731.2	726.5	732.2	735.5
38.5°	706.5	707.3	706.5	701.8	707.7	711.1
39°	681.9	682.9	681.9	677.3	681.7	686.1
39.5°	657.2	658.5	657.2	653.0	656.8	660.2
40°	632.3	634.3	632.3	628.7	632.3	634.6
40.5°	607.5	609.9	607.5	604.6	607.9	609.2
41°	582.5	584.6	582.5	580.1	583.4	583.5
41.5°	557.9	559.6	557.9	555.6	558.8	558.1
42°	533.5	534.5	533.5	531.7	533.9	532.8
42.5°	509.9	509.6	509.9	508.1	509.3	507.9
43°	486.2	484.6	486.2	484.8	484.5	483.3
43.5°	462.6	459.8	462.6	461.6	460.5	459.1
44°	439.5	435.8	439.5	438.5	436.2	435.2
44.5°	417.3	412.4	417.3	416.1	413.1	411.5

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	394.4	389.4	394.4	394.2	390.2	388.3
45.5°	372.0	367.1	372.0	372.3	368.0	365.4
46°	350.3	345.1	350.3	350.5	346.1	342.9
46.5°	329.1	324.0	329.1	329.1	324.9	321.3
47°	308.3	303.6	308.3	308.2	304.2	300.2
47.5°	288.1	283.8	288.1	287.6	283.8	279.9
48°	268.2	264.6	268.2	267.5	264.1	260.1
48.5°	249.3	246.2	249.3	247.9	245.1	241.5
49°	230.8	228.4	230.8	229.0	226.8	223.8
49.5°	213.3	211.7	213.3	211.4	209.6	207.3
50°	196.7	195.9	196.7	194.5	193.1	191.3
50.5°	180.4	180.5	180.4	177.9	176.7	175.5
51°	164.5	165.3	164.5	161.6	160.9	160.3
51.5°	149.6	150.7	149.6	146.0	146.1	146.9
52°	135.2	136.4	135.2	131.5	132.5	133.6
52.5°	122.1	123.3	122.1	118.3	119.8	121.5
53°	110.1	111.2	110.1	106.1	107.9	109.9
53.5°	98.7	99.4	98.7	95.0	96.9	99.0
54°	88.0	88.7	88.0	84.9	86.7	88.6
54.5°	78.1	78.6	78.1	75.5	77.1	79.0
55°	68.9	69.2	68.9	66.9	68.3	69.8
55.5°	60.2	60.3	60.2	59.1	60.1	61.3
56°	52.6	52.6	52.6	51.7	52.8	53.8
56.5°	45.4	45.4	45.4	44.9	46.1	46.5
57°	38.4	38.7	38.4	38.2	39.5	39.8
57.5°	31.7	32.0	31.7	31.7	33.0	33.2
58°	25.4	25.3	25.4	25.6	26.6	26.5
58.5°	19.4	19.3	19.4	19.3	20.7	20.5
59°	13.4	13.4	13.4	13.3	14.9	14.5
59.5°	8.4	8.9	8.4	8.4	10.1	10.1
60°	5.1	5.7	5.1	5.6	6.7	6.8
60.5°	3.4	4.6	3.4	3.8	4.7	4.3
61°	2.8	3.7	2.8	2.9	3.9	3.6
61.5°	2.2	2.8	2.2	2.2	3.1	2.9
62°	1.6	2.0	1.6	1.7	2.3	2.2
62.5°	1.2	1.2	1.2	1.3	1.8	1.6
63°	1.0	1.0	1.0	1.2	1.3	1.4
63.5°	0.9	0.9	0.9	1.0	1.1	1.2
64°	0.8	0.8	0.8	0.9	1.0	1.1
64.5°	0.7	0.7	0.7	0.8	0.9	0.9
65°	0.6	0.6	0.6	0.7	0.8	0.8
65.5°	0.5	0.5	0.5	0.6	0.7	0.7
66°	0.5	0.5	0.5	0.5	0.6	0.6
66.5°	0.4	0.4	0.4	0.5	0.5	0.6
67°	0.4	0.4	0.4	0.4	0.5	0.5

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.3	0.3	0.3	0.4	0.4	0.5
68°	0.3	0.3	0.3	0.3	0.4	0.4
68.5°	0.3	0.3	0.3	0.3	0.3	0.4
69°	0.2	0.2	0.2	0.3	0.3	0.3
69.5°	0.2	0.2	0.2	0.2	0.3	0.3
70°	0.2	0.2	0.2	0.2	0.2	0.3
70.5°	0.2	0.1	0.2	0.2	0.2	0.2
71°	0.1	0.1	0.1	0.2	0.2	0.2
71.5°	0.1	0.1	0.1	0.1	0.2	0.2
72°	0.1	0.1	0.1	0.1	0.1	0.2
72.5°	0.1	0.1	0.1	0.1	0.1	0.1
73°	0.1	0.1	0.1	0.1	0.1	0.1
73.5°	0.0	0.0	0.0	0.1	0.1	0.1
74°	0.0	0.0	0.0	0.0	0.1	0.1
74.5°	0.0	0.0	0.0	0.0	0.0	0.1
75°	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.1	0.1	0.1	0.1	0.1	0.1
123°	0.1	0.1	0.1	0.1	0.1	0.1
123.5°	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.3	0.2	0.3	0.2	0.3	0.3
133.5°	0.3	0.3	0.3	0.3	0.3	0.3
134°	0.3	0.3	0.3	0.3	0.3	0.3
134.5°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.3	0.3	0.3	0.3	0.3	0.3
135.5°	0.3	0.3	0.3	0.3	0.3	0.3
136°	0.3	0.3	0.3	0.3	0.3	0.3
136.5°	0.3	0.3	0.3	0.3	0.3	0.3
137°	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.3	0.3	0.3	0.3	0.3	0.3
138°	0.3	0.3	0.3	0.3	0.4	0.4
138.5°	0.4	0.4	0.4	0.4	0.4	0.4
139°	0.4	0.4	0.4	0.4	0.4	0.4
139.5°	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4
140.5°	0.4	0.4	0.4	0.4	0.4	0.4
141°	0.4	0.4	0.4	0.4	0.4	0.4
141.5°	0.4	0.4	0.4	0.4	0.4	0.4
142°	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.4	0.4	0.4	0.4	0.4	0.5
143°	0.5	0.5	0.5	0.5	0.5	0.5
143.5°	0.5	0.5	0.5	0.5	0.5	0.5
144°	0.5	0.5	0.5	0.5	0.5	0.5
144.5°	0.5	0.5	0.5	0.5	0.5	0.5
145°	0.5	0.5	0.5	0.5	0.5	0.5
145.5°	0.5	0.5	0.5	0.5	0.5	0.5
146°	0.5	0.5	0.5	0.5	0.5	0.5
146.5°	0.5	0.5	0.5	0.5	0.5	0.5
147°	0.5	0.5	0.5	0.5	0.5	0.6
147.5°	0.6	0.5	0.6	0.6	0.6	0.6
148°	0.6	0.6	0.6	0.6	0.6	0.6
148.5°	0.6	0.6	0.6	0.6	0.6	0.6
149°	0.6	0.6	0.6	0.6	0.6	0.6
149.5°	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.6	0.6	0.6	0.6	0.6	0.6
150.5°	0.6	0.6	0.6	0.6	0.6	0.6
151°	0.6	0.6	0.6	0.6	0.6	0.6
151.5°	0.6	0.6	0.6	0.6	0.6	0.6
152°	0.6	0.6	0.6	0.6	0.7	0.7
152.5°	0.6	0.6	0.6	0.6	0.7	0.7
153°	0.7	0.6	0.7	0.7	0.7	0.7
153.5°	0.7	0.7	0.7	0.7	0.7	0.7
154°	0.7	0.7	0.7	0.7	0.7	0.7
154.5°	0.7	0.7	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7
155.5°	0.7	0.7	0.7	0.7	0.7	0.7
156°	0.7	0.7	0.7	0.7	0.7	0.7
156.5°	0.7	0.7	0.7	0.7	0.7	0.7
157°	0.7	0.7	0.7	0.7	0.7	0.7

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.7	0.7	0.7	0.7	0.7	0.7
158°	0.7	0.7	0.7	0.7	0.8	0.8
158.5°	0.7	0.7	0.7	0.7	0.8	0.8
159°	0.7	0.7	0.7	0.8	0.8	0.8
159.5°	0.7	0.7	0.7	0.8	0.8	0.8
160°	0.8	0.7	0.8	0.8	0.8	0.8
160.5°	0.8	0.7	0.8	0.8	0.8	0.8
161°	0.8	0.8	0.8	0.8	0.8	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8
169.5°	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.7	0.8	0.8	0.8	0.8
170.5°	0.8	0.7	0.8	0.8	0.8	0.8
171°	0.8	0.7	0.8	0.8	0.8	0.8
171.5°	0.7	0.7	0.7	0.8	0.8	0.8
172°	0.7	0.7	0.7	0.8	0.8	0.8
172.5°	0.7	0.7	0.7	0.8	0.8	0.8
173°	0.7	0.7	0.7	0.8	0.8	0.8
173.5°	0.7	0.7	0.7	0.8	0.8	0.8
174°	0.7	0.7	0.7	0.8	0.8	0.8
174.5°	0.7	0.7	0.7	0.7	0.8	0.8
175°	0.7	0.7	0.7	0.7	0.8	0.8
175.5°	0.7	0.7	0.7	0.7	0.7	0.8
176°	0.7	0.7	0.7	0.7	0.7	0.8
176.5°	0.7	0.7	0.7	0.8	0.7	0.8
177°	0.7	0.8	0.7	0.8	0.8	0.8
177.5°	0.7	0.8	0.7	0.8	0.8	0.8
178°	0.7	0.8	0.7	0.8	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.8	0.8
179.5°	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.8	0.8	0.8	0.8	0.8	0.8

TEST NUMBER: P1590583

CATALOG NUMBER: HCDLS1525CSD6TRMW-ME-3000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.4	9.6	8.8	9.9	10.2	8.2	9.3	8.5	9.6	9.9
	3H	8.3	9.3	8.7	9.6	10.0	8.0	9.0	8.4	9.3	9.7
	4H	8.2	9.1	8.6	9.4	9.8	7.9	8.8	8.3	9.2	9.5
	6H	8.1	8.9	8.5	9.3	9.7	7.8	8.6	8.2	9.0	9.4
	8H	8.0	8.8	8.5	9.2	9.6	7.7	8.5	8.2	8.9	9.3
	12H	8.0	8.7	8.4	9.1	9.5	7.7	8.4	8.1	8.8	9.3
4H	2H	8.2	9.1	8.6	9.4	9.8	7.9	8.8	8.3	9.2	9.5
	3H	8.0	8.7	8.4	9.1	9.6	7.7	8.4	8.1	8.9	9.3
	4H	7.9	8.5	8.3	9.0	9.4	7.6	8.3	8.0	8.7	9.1
	6H	7.8	8.3	8.3	8.8	9.3	7.5	8.1	8.0	8.5	9.0
	8H	7.7	8.2	8.2	8.7	9.2	7.4	8.0	7.9	8.4	8.9
	12H	7.7	8.1	8.2	8.6	9.1	7.4	7.8	7.9	8.3	8.8
8H	4H	7.7	8.2	8.2	8.7	9.2	7.4	8.0	7.9	8.4	8.9
	6H	7.6	8.0	8.1	8.5	9.0	7.3	7.7	7.8	8.2	8.7
	8H	7.5	7.9	8.1	8.4	8.9	7.2	7.6	7.8	8.1	8.6
	12H	7.5	7.8	8.0	8.3	8.9	7.2	7.5	7.7	8.0	8.6
12H	4H	7.7	8.1	8.2	8.6	9.1	7.4	7.8	7.9	8.3	8.8
	6H	7.5	7.9	8.1	8.4	8.9	7.2	7.6	7.8	8.1	8.6
	8H	7.5	7.8	8.0	8.3	8.9	7.2	7.5	7.7	8.0	8.6

(END OF REPORT)